

For Research Use Only

TSG101 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84334-2-PBS



Basic Information

Catalog Number: 84334-2-PBS	GenBank Accession Number: BC002487	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7251	CloneNo.: 241657A11
Source: Rabbit	UNIPROT ID: Q99816	
Isotype: IgG	Full Name: tumor susceptibility gene 101	
Immunogen Catalog Number: AG28569	Calculated MW: 44 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

84334-2-PBS targets TSG101 as part of a matched antibody pair:

MP01221-1: 84334-2-PBS capture and 84334-1-PBS detection (validated in Cytometric bead array)

MP01221-2: 84334-2-PBS capture and 84334-3-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

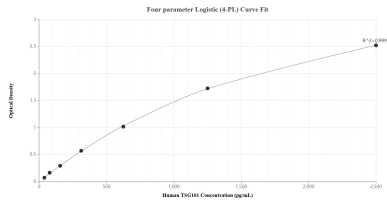
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

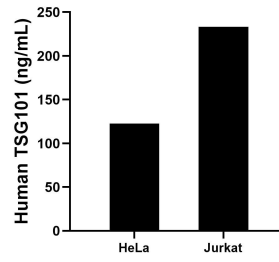
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

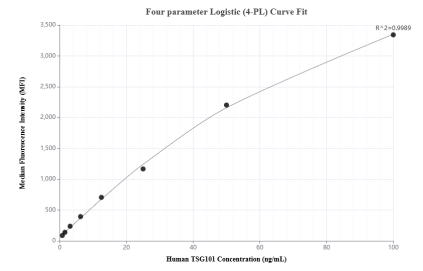
Selected Validation Data



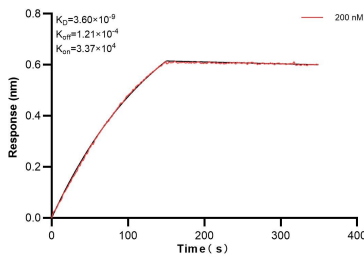
Sandwich ELISA standard curve of MP01221-2, Human TSG101 Recombinant Matched Antibody Pair - PBS only. 84334-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag28569. 84334-3-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



The mean TSG101 concentration was determined to be 122.7 ng/mL in HeLa cell extract based on a 1.5 mg/mL extract load and 233.2 ng/mL in Jurkat cell extract based on a 1.5 mg/mL extract load.



Cytometric bead array standard curve of MP01221-1, TSG101 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84334-2-PBS. Detection antibody: 84334-1-PBS. Standard: Ag28569. Range: 0.781-100 ng/mL



Bi-layer interferometry (BLI) kinetic assay of 84334-2-PBS against Human TSG101 was performed. The affinity constant is 3.60 nM.